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|----|--------|-------|------|--|
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| Application/Control No |
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Applicant(s)/Patent under Reexamination

10/825,762

HOBGOOD ET AL. Art Unit

Examiner

DUC Q. DINH

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| (Through numeral)<br>Cancelled |
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|------------------|--|----------|----------|--------------|----------|--------------|----------|--------------|--|----------------|--|--|
| Cla              | im   | Date     |          |              |          |              |          |              |  |                |  |  |
| Final            | Original   | 2/16/06  |          |              | ·        |              |          |              |  |                |  |  |
| 1                | 1  | Ξ        |          |              |          |              |          |              |  |                |  |  |
| 1<br>2<br>3<br>4 | 2  | =        |          |              |          |              |          |              |  |                |  |  |
| 3                | 3  | =        |          |              |          |              | Г        |              | Т  |                |  |  |
| 4                | 1<br>2<br>3<br>4<br>5  | =        | Г        |              |          |              |          |              |  |                |  |  |
|                  | 5  | _        |          | $\vdash$     |          |              |          |              |  |                |  |  |
|                  | 6  |          |          |              |          |              |          |              |  |                |  |  |
|                  | · /  |          |          |              |          |              |          |              |  |                |  |  |
|                  | 8  |          |          |              |          |              | Π        | _            | Γ  |                |  |  |
|                  | 9  |          |          |              |          |              |          |              |  |                |  |  |
|                  | 10   |          |          |              |          |              |          |              |  |                |  |  |
| 5                | 11   | =        |          |              |          |              |          |              |  |                |  |  |
| 6                | 12   | =        |          |              |          |              | 匚        |              |  |                |  |  |
| 5<br>6<br>7<br>8 | 13   | =        |          |              |          |              |          |              |  |                |  |  |
| 8                | 12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22 | =        | $\Box$   |              |          |              |          |              |  |                |  |  |
|                  | 15   | _        | _        | _            |          |              | _        | _            | <u> </u>   |                |  |  |
|                  | 16   |          |          | L            |          |              |          |              |  |                |  |  |
|                  | 17   |          |          |              |          |              |          |              |  |                |  |  |
|                  | 18   | <u> </u> | L        | <u> </u>     | <u> </u> |              | _        | <u> </u>     | <u> </u>   |                |  |  |
|                  | 19   |          |          |              |          |              | <u> </u> |              |  |                |  |  |
|                  | 20   |          |          |              |          |              | <u> </u> |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |                |  |  |
|                  | 21   | _        | L        |              |          | L            | <u> </u> | L_           | _  |                |  |  |
|                  | 22   | _        | _        |              | _        |              | <u> </u> | _            | <u> </u>   | Ш              |  |  |
|                  | 23<br>24<br>25   | _        | _        | _            |          |              | _        | _            | L  |                |  |  |
|                  | 24   |          |          | _            |          |              | <u> </u> | <u> </u>     | L  |                |  |  |
|                  | 25   |          | <u> </u> | ļ            | ļ        | <u> </u>     |          | <u> </u>     | <u> </u>   | ļ              |  |  |
|                  | 26<br>27<br>28<br>29<br>30                                     | <u> </u> | <u> </u> | <del> </del> |          | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>   | Ш              |  |  |
|                  | 27   | -        | ┝        | _            | -        |              | <u> </u> | _            | _  | <u> </u>       |  |  |
|                  | 20   |          | $\vdash$ | H            | _        | $\vdash$     | H        | ⊢            | $\vdash$   | Н              |  |  |
|                  | 29   |          | ⊢        |              |          | _            |          | <del> </del> | ┝  | Н              |  |  |
|                  | 31   | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     |          |              | ├  | Н              |  |  |
|                  | 31<br>32   | $\vdash$ | $\vdash$ | ├            | $\vdash$ | $\vdash$     |          | $\vdash$     | $\vdash$   | Н              |  |  |
|                  | 33   | $\vdash$ |          | $\vdash$     | _        | $\vdash$     | -        | -            |  | -              |  |  |
|                  | 34   |          | <u> </u> | $\vdash$     | $\vdash$ | <del> </del> | ├        | $\vdash$     | <del> </del>                                     | H              |  |  |
|                  | 34<br>35   | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | <del>                                     </del> | $\vdash\vdash$ |  |  |
|                  | 36   |          | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | -        | -            | -  | $\vdash$       |  |  |
|                  | 37   |          |          | $\vdash$     | $\vdash$ |              |          | -            | Ι-   | $\vdash$       |  |  |
|                  | 38   | Н        |          |              | $\vdash$ | $\vdash$     | $\vdash$ | _            | $\vdash$   | Н              |  |  |
|                  | 39   |          |          |              |          |              | <u> </u> |              | $\vdash$   | Н              |  |  |
|                  | 40   |          |          | <u> </u>     |          |              |          |              | T  | H              |  |  |
|                  | 41   |          |          |              |          |              |          |              |  | Н              |  |  |
|                  | 42   |          | _        | Г            |          |              | 1        |              |  | П              |  |  |
|                  | 43   |          |          |              |          |              |          |              |  | П              |  |  |
|                  | 44   |          |          |              |          |              |          |              |  | $\Box$         |  |  |
|                  | 45   |          |          |              |          |              |          |              | Γ  | $\Box$         |  |  |
|                  | 46   |          |          |              |          |              |          |              |  |                |  |  |
|                  | 47   |          |          |              |          |              |          |              |  |                |  |  |
|                  | 48   |          |          |              |          |              |          |              |  |                |  |  |
|                  | 49   |          |          |              |          |              |          |              |  |                |  |  |
|                  | 50   |          |          |              |          |              |          |              |  |                |  |  |

| Claim | Т        | Date         |          |              |          |              |          | 1        | Claim Date |     |       |          |                  |         | e            | -            |          |  |                                     |               |
|-------|----------|--------------|----------|--------------|----------|--------------|----------|----------|------------|-----|-------|----------|------------------|---------|--------------|--------------|----------|--|-------------------------------------|---------------|
|       |          | T            |          |              |          | Π            |          |          |            |     |       |          |                  |         | T            | П            | -        | Ι  |                                     |               |
| Final | 2/16/06  |              |          |              |          |              |          |          |            |     | Final | Original |                  |         |              |              |          |  |                                     |               |
| 1 1   | ╅        | T            |          | İ            |          |              |          |          |            |     |       | 51       |                  |         |              |              |          |  |                                     |               |
| 2 2   | 1=       | t            |          | T            |          |              | Ι        | <u> </u> |            |     |       | 52       |                  |         |              |              |          |  |                                     |               |
| 3 3   | =        |              |          |              |          | Г            |          |          |            |     |       | 53       |                  |         |              | Ī            |          |  |                                     |               |
| 4 4   | ╅        | Т            |          | Г            |          |              |          |          |            |     |       | 54       |                  | $\top$  |              |              |          |  |                                     |               |
| 5     |          | T            | Г        |              | <u> </u> |              |          |          |            |     |       | 55       |                  |         |              |              |          |  |                                     |               |
| 6     | $\top$   |              |          |              |          |              |          |          |            | 1   |       | 56       |                  |         |              |              |          |  |                                     | -             |
| 7     |          |              |          |              |          |              |          |          |            |     |       | 57       |                  | T       | 1            |              |          | Г  |                                     |               |
| 8     |          |              |          |              |          | Г            | _        | $\vdash$ |            | 1   |       | 58       |                  |         |              | $\vdash$     | Τ        | <del>                                     </del> |                                     | $\overline{}$ |
| 9     | T        |              |          |              |          |              |          |          |            | 1   |       | 59       |                  | _ _     | T            | Г            | Т        |  | П                                   |               |
| 10    | 7        |              | Г        | Г            | •        |              |          |          |            | 1   |       | 60       |                  |         | 1            |              |          |  |                                     |               |
| 5 11  | =        |              |          |              |          |              |          |          |            |     |       | 61       |                  |         |              |              |          |  |                                     |               |
| 6 12  |          |              |          |              |          |              |          |          |            |     |       | 62       |                  |         |              |              |          |  |                                     |               |
| 7 13  |          |              |          |              |          |              |          |          |            | 1   |       | 63       |                  |         |              |              |          |  |                                     |               |
| 8 14  |          |              |          |              |          |              |          |          |            |     |       | 64       |                  |         |              |              |          |  |                                     |               |
| 15    |          |              |          |              |          |              |          |          |            |     |       | 65       |                  |         |              |              |          |  |                                     |               |
| 16    |          |              |          |              |          |              |          |          |            |     |       | 66       |                  |         |              |              |          |  |                                     |               |
| 17    |          |              |          |              |          |              |          |          |            |     |       | 67       |                  |         |              |              |          |  |                                     |               |
| 18    |          |              |          |              |          |              |          |          |            |     |       | 68       |                  |         |              |              |          |  |                                     |               |
| 19    |          |              |          |              |          |              |          |          |            |     |       | 69       |                  |         |              |              |          |  |                                     |               |
| 20    |          |              |          |              |          |              |          |          |            | ]   |       | 70       |                  |         |              |              |          |  |                                     |               |
| 21    |          |              |          |              |          |              |          |          |            |     |       | 71       |                  |         |              |              |          |  |                                     |               |
| 22    |          |              |          |              |          | Π            |          |          |            |     |       | 72       |                  |         |              |              |          |  |                                     |               |
| 23    | 3        |              |          |              |          |              |          |          |            | 1   |       | 73       |                  |         |              |              |          |  |                                     |               |
| 24    |          |              |          |              |          |              |          |          |            |     |       | 74       |                  |         |              |              | Τ        |  |                                     |               |
| 25    |          |              |          |              |          |              |          |          |            |     |       | 75       |                  |         |              |              |          |  |                                     |               |
| 26    |          |              |          |              |          |              |          |          |            |     |       | 76       |                  |         |              |              |          |  |                                     |               |
| 27    |          |              |          |              |          |              |          |          |            |     |       | 77       |                  |         |              |              |          |  |                                     |               |
| 28    |          |              |          |              |          |              |          |          |            |     |       | 78       |                  |         |              |              |          |  |                                     |               |
| 29    |          |              |          |              |          |              |          | L        |            |     |       | 79       |                  |         |              | L            |          |  |                                     |               |
| 30    |          | $oxed{oxed}$ | L        |              |          |              |          |          |            |     |       | 80       |                  | $\perp$ |              | <u> </u>     |          |  |                                     |               |
| 31    |          | $oxed{oxed}$ | L        | L            |          |              |          |          |            |     |       | 81       |                  |         |              |              | L        |  |                                     | _             |
| 32    |          |              | <u> </u> |              |          |              |          |          |            |     |       | 82       |                  |         |              | <u>_</u>     |          |  |                                     |               |
| 33    |          |              | L        | 匚            |          |              | L        |          |            |     |       | 83       |                  | $\perp$ |              | L            |          |  |                                     | <u> </u>      |
| 34    |          | $oxed{oxed}$ | _        |              | <u> </u> | $oxed{oxed}$ |          |          |            |     |       | 84       |                  | $\perp$ | 1            | $oxed{oxed}$ |          |  | _                                   |               |
| 35    |          | $\perp$      |          | $oxed{oxed}$ |          | <u> </u>     |          |          | <u> </u>   |     |       | 85       |                  | _ _     |              | <u></u>      | <u> </u> | <u> </u>   | _                                   | _             |
| 36    |          | _            | <u> </u> | <u> </u>     |          |              | L        | L        | <u> </u>   |     |       | 86       | $\vdash$         |         | <del> </del> | <u> </u>     | <u> </u> | <u> </u>   | Ш                                   |               |
| 37    |          | $\perp$      | _        |              | <u> </u> | <u> </u>     | L.,      | <u> </u> | Ш          |     |       | 87       | $\sqcup$         | $\perp$ | _            |              | _        | <u> </u>   | Ш                                   | <u> </u>      |
| 38    |          | 1            | <u> </u> |              | <u> </u> | L.           | <u> </u> | _        | <u> </u>   |     |       | 88       | $\sqcup$         | 4       | 4            | <u> </u>     | <u> </u> | <u> </u>   | Ш                                   | <u> </u>      |
| 39    |          | <u> </u>     |          | _            | <u> </u> | L            |          | L        | <u> </u>   |     |       | 89       | $\vdash$         | 4_      | 1            | <u> </u>     | _        | <u> </u>   | L                                   | <u> </u>      |
| 40    |          | _            | _        |              | <u> </u> | L            | _        | <u> </u> | _          |     |       | 90       | $\sqcup$         | $\perp$ | _            | <u> </u>     | _        | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>      |
| 41    |          | ــ           | <u> </u> | ļ            |          | L            | L        |          | _          |     |       | 91       | $\vdash$         | 4-      | 4            | <b> </b> _   |          |  | L                                   | <u>L</u>      |
| 42    |          | ┞-           |          |              | <u> </u> | <u> </u>     | L.,      |          |            |     |       | 92       | $\vdash$         | $\bot$  | 4            | <u> </u>     | <u> </u> |  | L                                   | Ь.            |
| 43    |          | ₽-           | <u> </u> | <u> </u>     | _        | ļ            |          | L.,      | <u> </u>   |     |       | 93       |                  | 4       | 4-           | <u> </u>     | _        | $\vdash$   | Щ                                   | <u> </u>      |
| 44    |          | ₽-           | ├        | $\vdash$     | <u> </u> |              | $\vdash$ | Ь.       | <u> </u>   |     |       | 94       | ⊢-               | +       | $\bot$       | _            | <u> </u> | <b> </b>   | L                                   | <u> </u>      |
| 45    |          | <u> </u>     | <u> </u> | $\vdash$     | <u> </u> |              | <b></b>  | <u> </u> |            |     |       | 95       | $\vdash \vdash$  | +       | 1-           | <u> </u>     |          | <u> </u>   | Щ.                                  | <u> </u>      |
| 46    |          |              | ⊢        | <del> </del> |          | _            | Щ        | L.,      | <u> </u>   |     |       | 96       | <del>   </del> - | 4       | $\perp$      | <u> </u>     | _        | $\vdash$   | Щ                                   | <u> </u>      |
| 47    |          | ₩            | <u> </u> | -            | _        |              |          |          | <u> </u>   |     |       | 97       |                  | $\perp$ | $\bot$       | <u> </u>     | <u> </u> | <u> </u>   | Щ                                   | <u> </u>      |
| 48    |          | <u> </u>     | <u> </u> | <u> </u>     | <u> </u> | <u> </u>     |          | _        | <u> </u>   |     |       | 98       | $\perp$          | +       | $\bot$       | _            | <u> </u> |  | Щ                                   | Ш             |
| 49    | -        | -            | <b> </b> | -            | $\vdash$ | <u> </u>     |          |          | ļ          |     |       | 99       |                  | +       | +            | ⊢            | ┞        | <b>.</b>   | <u> </u>                            | <u> </u>      |
| 50    | <u>'</u> | Ц.           | L_       | Ц_           | Ц        |              | :        |          | L          | l ( |       | 100      | oxdot            | Ш.      |              | <u> </u>     | Щ        |  |                                     |               |

| Cla   | aim  | Date     |  |          |              |          |          |          |          |               |  |
|-------|--|----------|--|----------|--------------|----------|----------|----------|----------|---------------|--|
| Final | Original   |          |  |          |              |          |          |          |          |               |  |
|       | 101<br>102   |          |  |          |              |          |          |          |          |               |  |
|       | 102  |          | L  |          | L            | L        |          | L        |          | Ш             |  |
|       | 103  |          |  |          |              |          |          |          |          | Ш             |  |
|       | 104  |          | _  |          | <u> </u>     |          |          |          | _        | Ш             |  |
|       | 103<br>104<br>105                                    |          | <u> </u>   | _        |              | L        | _        |          |          | Ш             |  |
|       | 106<br>107   |          | <u> </u>   |          | _            |          |          |          |          |               |  |
|       | 107  |          |  | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | _        | Н             |  |
|       | 108  | <u> </u> |  | <u> </u> | <u> </u>     | <u> </u> |          | <u> </u> | _        | Н             |  |
|       | 109<br>110   | -        | -  | -        | ┝            | <u> </u> | -        | -        |          | H             |  |
|       | 111  | $\vdash$ | ┝  | -        | $\vdash$     | $\vdash$ | $\vdash$ | ⊢        | ┝        | $\vdash$      |  |
|       | 112  | $\vdash$ | $\vdash$   |          | ┢            | $\vdash$ |          | $\vdash$ |          | H             |  |
|       | 111<br>112<br>113                                    | I        |  | Г        |              |          |          |          |          | H             |  |
|       | 114  |          |  |          |              |          | Ľ        |          |          |               |  |
|       | 114<br>115   |          |  |          |              |          |          |          |          |               |  |
|       | 116  |          |  | Ĺ        |              | Ĺ        | $\Box$   | $\Box$   |          | Ш             |  |
|       | 117  |          | _  |          | <u> </u>     | _        | _        | L        | <u> </u> | Щ             |  |
|       | 118  | <u> </u> | <u> </u>   | <u> </u> | _            | <u> </u> | <u> </u> |          | _        | Щ             |  |
|       | 119  | _        | _  |          | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u> | -             |  |
|       | 120  | <u> </u> | ┝  | ├        | <del> </del> | ├        | ⊢        | ⊢        | ├        | Н             |  |
|       | 121  | ┝        | ┝  | ⊢        | _            | ┝        | ⊢        | ┢        | $\vdash$ | Н             |  |
|       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 | ┢─       |  | $\vdash$ | $\vdash$     | $\vdash$ | ┢        | $\vdash$ | H        | Н             |  |
|       | 124  | H        | <del>                                     </del> | $\vdash$ | $\vdash$     | $\vdash$ |          |          |          | H             |  |
|       | 125  |          |  |          |              |          |          |          |          | Ħ             |  |
|       | 126  |          |  |          |              |          |          |          |          |               |  |
|       | 127  |          |  |          | L            | L        |          |          | L        |               |  |
|       | 128  | _        | <u> </u>   | _        | _            |          | _        |          | <u> </u> | Ш             |  |
|       | 129  | _        | <u> </u>   | <u> </u> | <u> </u>     |          |          |          | _        | Щ             |  |
|       | 130  | ļ        | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> | -        |          | ļ        | Н             |  |
|       | 128<br>129<br>130<br>131<br>132                      | ┢        | $\vdash$   | _        | -            | $\vdash$ | $\vdash$ |          | -        | H             |  |
|       | 133  | -        | -  | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$ | Н             |  |
| _     | 134  |          | -  |          | $\vdash$     | $\vdash$ |          | $\vdash$ |          | H             |  |
|       | 134<br>135   |          |  |          |              |          |          |          |          |               |  |
|       | 136  |          |  |          |              |          |          |          |          |               |  |
|       | 137  |          |  |          |              |          |          |          |          | Щ             |  |
|       | 138  |          |  | _        | _            | _        | <u> </u> |          |          | Н             |  |
|       | 139<br>140   | _        | <u> </u>   | H        | _            | _        | _        | $\vdash$ |          | ${\mathbb H}$ |  |
|       | 141  | -        |  |          |              |          | -        | -        | _        | $\vdash$      |  |
|       | 142  | Н        | H  | H        | $\vdash$     | -        | $\vdash$ | $\vdash$ | $\vdash$ | H             |  |
|       | 143  |          | Т  | Т        | Т            | ┢        |          | Н        | Н        | $\vdash$      |  |
|       | 144  |          |  |          |              |          |          |          |          |               |  |
|       | 145  |          |  |          |              |          |          |          |          |               |  |
|       | 146  |          |  |          |              |          |          |          |          |               |  |
|       | 147  | _        |  |          | _            |          |          |          |          | Щ             |  |
|       | 148  |          |  | L.       |              | _        | _        | L        | Ш        | Щ             |  |
|       | 149  | _        | <u> </u>   | Ш        | Н            | $\vdash$ |          | $\vdash$ |          | Ш             |  |
|       | 150  |          |  |          |              |          |          | L.       |          | Ш             |  |